

ABSTRACT OF THE DISCLOSURE

A tool for conducting localized testing of the integrity of a pressure seal on an aircraft. The tool comprises a body having an exterior surface and an interior cavity. A peripheral edge on the body defines an opening to the interior cavity. The tool is positioned on an aircraft over the pressure seal to be tested with the interior cavity communicating with the pressure seal. A sealing member is positioned between the aircraft and the peripheral edge so that a fluid tight seal is formed between the tool and the aircraft. A vacuum is created in the interior cavity. After a predetermined length of time the amount of vacuum in the interior cavity is observed and the integrity of the pressure seal is determined.